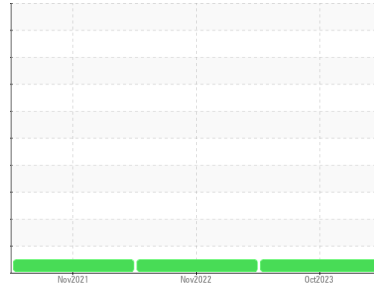




RAPPORT DU CARBURANT

Sample Rating Trend

NORMALE



Secteur
[99879]

Identité de la machine
NDMC (S/N 73956688)

Composant
Carburant diesel

Fluide
No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)

DIAGNOSTIC

Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. Resample at the next service interval to monitor.

Corrossione

{not applicable}

Contaminants

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

État Du Carburant

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			CU0020765	CU0019861	CU0018649
Date d'échant.	Client Info			10 Oct 2023	16 Nov 2022	09 Nov 2021
Âge d la Machine	hrs	Client Info		209	200	188
Statut de l'échant.				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité	ASTM D1298*	0.839	0.820	0.820	0.836	
Couleur du carburant	text	Visual Screen*	Yllow	Pink	Pink	Pink
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.3	2	2.2
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	66.7	54.8	52.3

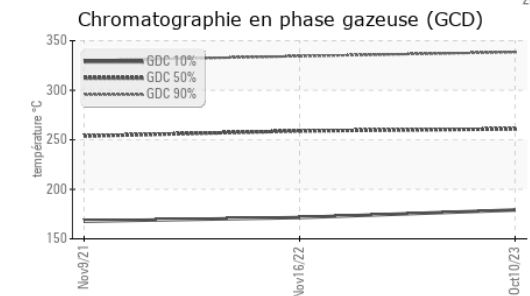
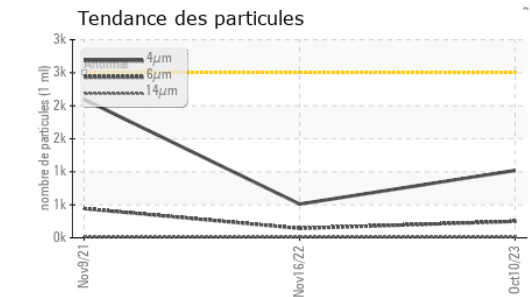
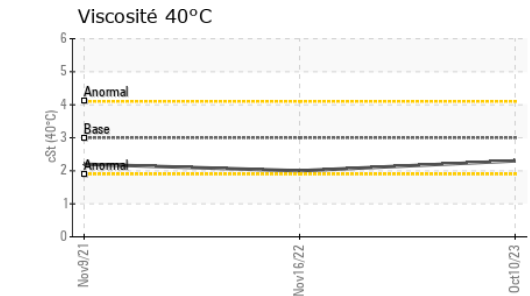
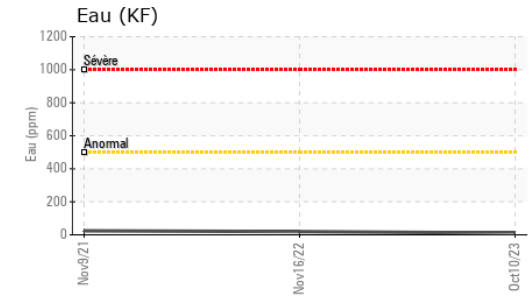
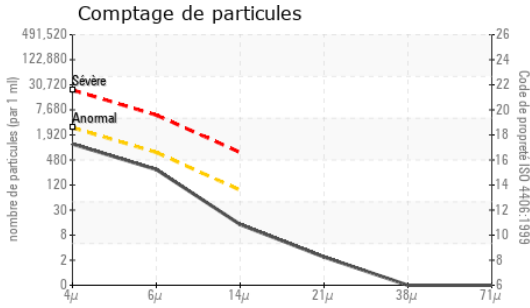
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	250	21	22	20

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	177	163	155
Point de distillation de 5%	°C	ASTM D2887*		193	184	175
Point de distillation de 10%	°C	ASTM D2887*	201	201	194	188
Point de distillation de 15%	°C	ASTM D2887*		208	202	196
Point de distillation de 20%	°C	ASTM D2887*	216	215	210	205
Point de distillation de 30%	°C	ASTM D2887*	230	230	226	220
Point de distillation de 40%	°C	ASTM D2887*	243	244	241	236
Point de distillation de 50%	°C	ASTM D2887*	255	258	256	252
Point de distillation de 60%	°C	ASTM D2887*	267	270	269	267
Point de distillation de 70%	°C	ASTM D2887*	280	283	282	281
Point de distillation de 80%	°C	ASTM D2887*	295	297	296	294
Point de distillation de 85%	°C	ASTM D2887*		309	306	302
Point de distillation de 90%	°C	ASTM D2887*	310	321	316	314
Point de distillation de 95%	°C	ASTM D2887*		342	335	334
Point d'ébullition final	°C	ASTM D2887*	341	377	356	347

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API	ASTM D1298*	37.7	41	41	37	
Indice de cétane	ASTM D4737*	<40.0	56	55	47	

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	0	0
Sodium	ppm	ASTM D5185(m)	<0.1	0	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	<1	0	0
Eau	%	ASTM D6304*	<0.05	0.001	0.002	0.002
ppm d'eau	ppm	ASTM D6304*	<500	10.7	19.7	24.4

PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	1020	511	2098	
Particules >6µ	ASTM D7647	>640	249	143	442	
Particules >14µ	ASTM D7647	>80	12	15	16	
Particules >21µ	ASTM D7647	>20	2	4	3	
Particules >38µ	ASTM D7647	>4	0	0	0	
Particules >71µ	ASTM D7647	>3	0	0	0	
Propreté de l'huile	ISO 4406 (c)	>18/16/13	17/15/11	16/14/11	18/16/11	

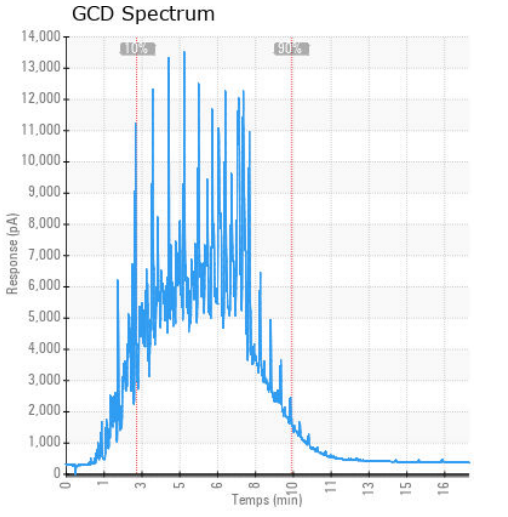
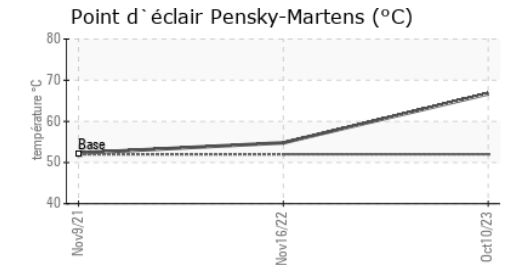
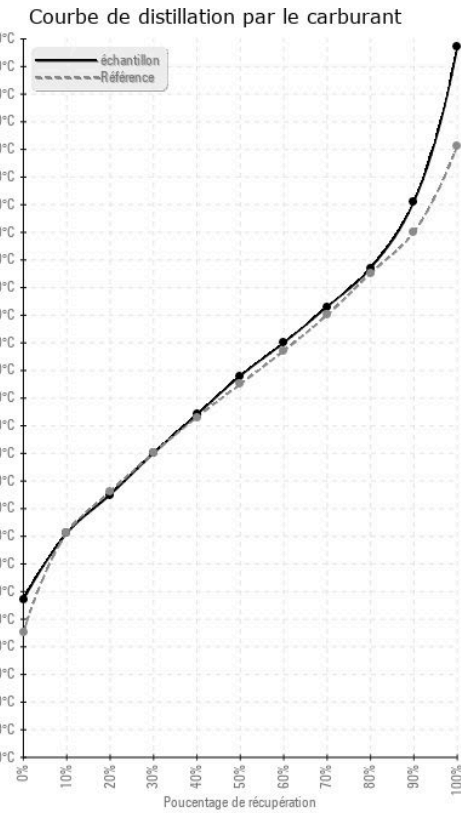


HEAVY METALS	methode	limite/base	actuel	passé1	passé2
Aluminium	ppm	ASTM D5185(m)	<0.1	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	0	0
Plomb	ppm	ASTM D5185(m)	<0.1	0	<1
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0
Fer	ppm	ASTM D5185(m)	<0.1	<1	<1
Calcium	ppm	ASTM D5185(m)	<0.1	<1	0
Magnésium	ppm	ASTM D5185(m)	<0.1	0	<1
Phosphore	ppm	ASTM D5185(m)	<0.1	0	0
Zinc	ppm	ASTM D5185(m)	<0.1	<1	0

IMAGES DE L'ÉCHANTILLON

	methode	limite/base	actuel	passé1	passé2
Coluer					
Fond					

GRAPHIQUES



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0020765
N° de laboratoire : 02588441
Numéro unique : 5657507
Analyse : FUEL (Additional Tests: CC Flash, GC-PerFuel, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
 cindy.harrison@cummins.com
 T: (613)736-1146
 F: x:

Pour discuter cette rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.